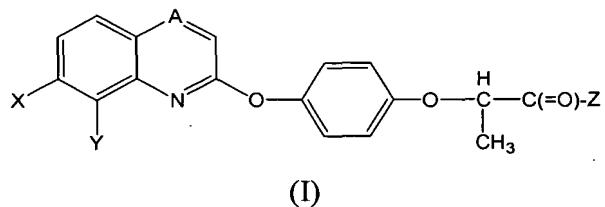


What is claimed is:

1. A compound of formula (I):

5



wherein

A is CH or N;

10 X is F, Cl, or Br;

Y is hydrogen, hydroxy, or (C₁-C₇)alkoxy; and

Z is an amino acid, or heterocycle;

or a pharmaceutically acceptable salt thereof.

15 2. The compound of claim 1, wherein Y is H.

3. The compound of claim 1, wherein Y is -OH.

4. The compound of claim 1, wherein Y is -OMe.

20

5. The compound of any of claims 1 to 4 wherein X is -Cl.

6. The compound of any of claims 1 to 4 wherein X is -Br.

25 7. The compound of any of claims 1 to 6 wherein Z is an amino acid.

8. The compound of any of claims 1 to 6 wherein Z is -NH-(CH₂)₂-SO₃H.

9. The compound of any of claims 1 to 6 wherein Z is -NH-CH₂-CO₂H.

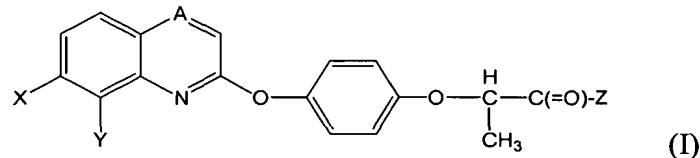
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10. The compound of any of claims 1 to 6 wherein Z is -NH-CH(CH₃)-CO₂H.

11. The compound of any of claims 1 to 6 wherein Z is a nitrogen linked pyrrolidino, piperidino, morpholino, 1,3-benzodiazepino, 1,4-benzodiazepino, or 1,5-benzodiazepino.

5

12. A compound of formula (I):



10 wherein

A is CH;

X is F, Cl, or Br;

Y is hydroxy, or (C₁-C₇)alkoxy; and

Z is an -NR_aR_b;

15 where R_a and R_b is independently hydrogen, (C₁-C₇)alkyl,

(C₁-C₇)alkanoyl, aryl, aryl(C₁-C₇)alkyl, or where R_a and R_b together with the nitrogen to which they are attached are a pyrrolidino, piperidino, morpholino, 1,3-benzodiazepino, 1,4-benzodiazepino, or 1,5-benzodiazepino;

20 or a pharmaceutically acceptable salt thereof.

13. The compound of claim 12, wherein Y is -OH.

14. The compound of claim 12, wherein Y is -OMe.

25

15. The compound of any of claims 12 to 14 wherein X is -Cl.

16. The compound of any of claims 12 to 14 wherein X is -Br.

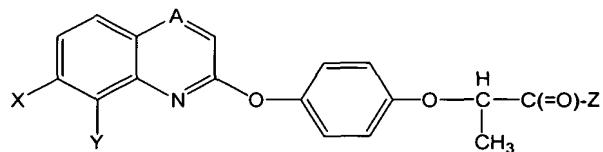
30 17. The compound of any of claims 12 to 16 wherein Z is -NR_aR_b.

18. The compound of any of claims 12 to 16 wherein Z is -NH₂.

19. The compound of any of claims 12 to 16 wherein Z is $-\text{NHCH}_3$.

20. The compound of any of claims 12 to 16 wherein Z is a nitrogen linked
5 1,3-benzodiazepino, 1,4-benzodiazepino, or 1,5-benzodiazepino.

21. A compound of formula (I):



10 (I)

wherein

A is CH;

X is F, Cl, or Br;

15 Y is hydrogen, hydroxy, or $(\text{C}_1\text{-}\text{C}_7)$ alkoxy; and

Z is $-\text{NR}_a\text{R}_b$; and 0

20 R_a and R_b are each independently hydrogen, $(\text{C}_1\text{-}\text{C}_7)$ alkyl, $(\text{C}_1\text{-}\text{C}_7)$ alkanoyl, aryl, aryl($\text{C}_1\text{-}\text{C}_7$)alkyl, or where R_a and R_b together with the nitrogen to which they are attached are a pyrrolidino, piperidino, morpholino, 1,3-benzodiazepino, 1,4-benzodiazepino, or 1,5-benzodiazepino; or a pharmaceutically acceptable salt thereof.

22. The compound of claim 21 wherein R_a and R_b are each independently $(\text{C}_1\text{-}\text{C}_7)$ alkanoyl, aryl, aryl($\text{C}_1\text{-}\text{C}_7$)alkyl, or where R_a and R_b together with the nitrogen to which they are attached are a pyrrolidino, piperidino, morpholino, 1,3-benzodiazepino, 1,4-benzodiazepino, or 1,5-benzodiazepino.

25 30 23. The compound of claim 21 or 22 wherein Y is H.

24. The compound of claim 21 or 22 wherein Y is $-\text{OH}$.

25. The compound of claim 21 or 22 wherein Y is -OMe.

26. The compound of any of claims 21 to 25 wherein X is -Cl.

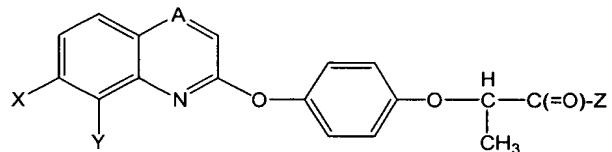
5 27. The compound of any of claims 21 to 25 wherein X is -Br.

28. The compound of any of claims 21 to 27 wherein Z is -NR_aR_b.

10 29. The compound of any of claims 21 to 27 wherein Z is a nitrogen linked pyrrolidino, piperidino, or morpholino.

30. The compound of any of claims 21 to 27 wherein Z is a nitrogen linked 1,3-benzodiazepino, 1,4-benzodiazepino, or 1,5-benzodiazepino.

15 31. A compound of formula (I):



(I)

20

wherein

A is N;

X is F, Cl, or Br;

Y is hydroxy; and

25

Z is an -NR_aR_b;

30

where R_a and R_b are each independently hydrogen, (C₁-C₇)alkyl, (C₁-C₇)alkanoyl, aryl, aryl(C₁-C₇)alkyl, or where R_a and R_b together with the nitrogen to which they are attached are a pyrrolidino, piperidino, morpholino, 1,3-benzodiazepino, 1,4-benzodiazepino, or 1,5-benzodiazepino; or a pharmaceutically acceptable salt thereof.

32. The compound of claim 30 wherein where R_a and R_b are each independently hydrogen, (C_1-C_7) alkyl, (C_1-C_7) alkanoyl, aryl, aryl(C_1-C_7)alkyl, or where R_a and R_b together with the nitrogen to which they are attached are a pyrrolidino, piperidino, morpholino.

5

33. The compound of claim 31 or 32 wherein X is $-Cl$.

34. The compound of claim 31 or 32 wherein X is $-Br$.

10 35. The compound of any of claims 31 to 34 wherein Z is $-NR_aR_b$.

36. The compound of any of claims 31 to 34 wherein Z is $-NH_2$.

37. The compound of any of claims 31 to 34 wherein Z is $-NHCH_3$.

15

38. The compound of any of claims 31 to 34 wherein Z is $-N(CH_3)_2$.

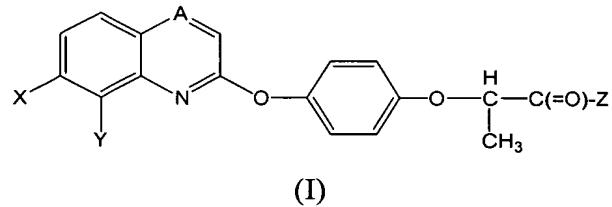
39. The compound of any of claims 31 to 34 wherein Z is a nitrogen linked pyrrolidino, piperidino, or morpholino.

20

40. The compound of any of claims 31 to 34 wherein Z is a nitrogen linked 1,3-benzodiazepino, 1,4-benzodiazepino, or 1,5-benzodiazepino.

41. A compound of formula (I):

25



wherein

30

A is N;

X is F, Cl, or Br;

Y is hydrogen, hydroxy, or (C_1-C_7) alkoxy; and

Z is $-\text{NR}_a\text{R}_b$;

where R_a and R_b are independently $(\text{C}_1\text{-C}_7)$ alkanoyl, aryl, aryl($\text{C}_1\text{-C}_7$)alkyl, or where R_a and R_b together with the nitrogen to which they are attached are a pyrrolidino, piperidino, morpholino, 1,3-benzodiazepino, 1,4-benzodiazepino, or 1,5-benzodiazepino;

5 or a pharmaceutically acceptable salt thereof.

42. The compound of claim 41 wherein Y is H.

10 43. The compound of claim 41 wherein Y is -OH.

44. The compound of claim 41 wherein Y is -OMe.

45. The compound of any of claims 41 to 44 wherein X is -Cl.

15 46. The compound of any of claims 41 to 44 wherein X is -Br.

47. The compound of any of claims 41 to 46 wherein R_a and R_b are independently $(\text{C}_1\text{-C}_7)$ alkanoyl, aryl, or aryl($\text{C}_1\text{-C}_7$)alkyl.

20 48. The compound of any of claims 41 to 46 wherein R_a and R_b together with the nitrogen to which they are attached are pyrrolidino, piperidino, morpholino, 1,3-benzodiazepino, 1,4-benzodiazepino, or 1,5-benzodiazepino.

25 49. The compound
2-{4-((7-Bromo-2-quinolinyloxy)phenoxy) propionmethylamide;
2-{4-((7-Chloro-2-quinolinyloxy)phenoxy) propiondimethylamide;
(2-(4-(7-Chloro-2-quinoxalinyloxy)phenoxy) propionylamino ethane-
30 sulfonic acid;
(2-(4-(7-Bromo-2-quinolinyloxy)phenoxy) propionylamino ethane-
sulfonic acid;
{2-{4-(7-Bromo-quinolin-2-yloxy)phenoxy} propionylamino} acetic
acid;

{2-[4-(7-Chloro-quinoxalin-2-yloxy)-phenoxy} propionyl amino} acetic acid;

(R) (2-(4-(7-Bromo-2-quinolinyl)oxy)phenoxy) propionylamino ethanesulfonic acid;

5 (R) {2-[4-(7-Bromo-quinolin-2-yloxy)-phenoxy]-propionylamino} acetic acid; and

(R) {2-[4-(7-Chloro-quinoxalin-2-yloxy)-phenoxy} propionyl amino} acetic acid;

or pharmaceutically acceptable salts thereof.

10

50. The compound of any of claims 1 to 49 which is the (R) enantiomer.

51. The compound of any of claims 1 to 49 which is the (S) enantiomer.

15 52. The compound of any of claims 1 to 51, wherein the compound is isolated and purified.

53. The compound of claim 52, wherein the compound is a solid.

20 54. The compound of claim 52, wherein the compound is a crystalline solid.

55. A pharmaceutical composition comprising a compound any one of claims 1 to 54 and a pharmaceutically acceptable diluent or carrier.

25 56. The pharmaceutical composition of claim 55, wherein the pharmaceutical composition is formulated as a unit dosage form.

57. The pharmaceutical composition of claim 56, wherein the unit dosage form is formulated for oral administration.

30

58. The pharmaceutical composition of claim 56, wherein the unit dosage form is formulated for administration by injection.

59. The compound of any one of claims 1 to 54 for use in medical therapy.

60. The use of a compound of any one of claims 1 to 54 for the manufacture of a medicament for the treatment of cancer in a mammal.

5 61. A therapeutic method to treat cancer in a mammal, comprising administering to a mammal in need of such therapy an effective amount of a compound of any one of claims 1 to 54.

10 62. A therapeutic method to treat cancer in a mammal, comprising administering to a mammal in need of such therapy an effective amount of a pharmaceutical composition of any one of claims 55 to 58.

15 63. A therapeutic method to treat cancer in a mammal, comprising co-administering to a mammal in need of such therapy, an effective amount of a mixture of two or more compounds of any one of claims 1 to 54.

20 64. A therapeutic method to treat cancer in a mammal, comprising co-administering to a mammal in need of such therapy, an effective amount of a mixture of two or more pharmaceutical compositions of any one of claims 55 to 58.